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## Research Project Title

RES2021-15 University Transportation Center (UTC): Match Funds

## Purpose of the Project

The University of Tennessee was awarded a recent UTC funding opportunity, working with Georgia Tech. This research initiative will synthesize current national trends, explore the variance in trends across contexts, and identify the strategic challenges and opportunities associated with positioning public transportation to prepare for the future.

## Scope and Significance

The overarching research approach for this proposal is divided into a two-track research assessment that includes a Community Analysis Track and a Multi-Modal Optimization and Simulation (MMOSJ) Track. Both of these tracks aim to identify in more detail the potential feasibility, benefits, costs and implications of each strategic vision. The work conducted by the University of Tennessee Knoxville (UTK) team will be focused on the Community Analysis Track. Three projects will be pursued by UTK researchers: (1) Latest National Analysis of Ridership Trends, (2) New Fare Payment Technology and Pricing Strategies for Mobility-as-a-Service, and (3) Quantifying the Impact of New Mobility on Transit Ridership.

## Expected Outcomes

This research initiative will frame current trends, informed by literature review, data analysis and stakeholder engagement and provide findings and recommendations with respect to how transportation planning, policy, and investment priorities might change in the context of these findings.

## Time Period

May 2021 through April 2022

## Contact Information

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